

**Notice of Allowability**

Application No.

10/791,229

Applicant(s)

ROBBINS ET AL.

Examiner

Gregory A. DiStefano

Art Unit

2176

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment filed 5/23/2007 and subsequent Examiner's amendment filed 7/9/2007.

2. ☒ The allowed claim(s) is/are 1-10, 13-40 and 42-45.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some\* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_

4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

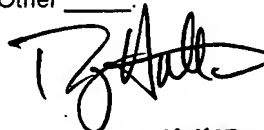
5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_



Doug Hutton  
Primary Examiner

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bhavani S. Rayaprolu on July 9, 2007.

2. The application has been amended as follows:

#### **In the Claims:**

13. (currently amended) The system of claim 11, when at the first zoom level, a second number key is tapped to shift to an appropriate sibling segment at the same zoom level

25. (currently amended) A method that facilitates key-based navigation on small portable devices comprising:

dividing content displayed on a device screen into at least two segments;  
mapping a key-based input component to the at least two segments, the key-based input component comprising at least two keys a first key and a second key;

receiving user-based input regarding at least one segment of the content displayed on a device screen;

orienting a view of any one segment of the content based in part on the user-based input; and

displaying surrounding segments to provide at least one of context and perspective with respect to ~~the~~ a previous segment of content,

wherein the first key is tapped to zoom at least a first zoom level to the corresponding segment of content and the second key is pressed and held for a period of time to temporarily display a different segment of content where upon releasing the second key the displayed content returns back to a previous segment of content.

41. (cancelled);

43. (currently amended) A system that facilitates key-based navigation on small portable devices comprising:

means for dividing content displayed on a device screen into at least two segments;

means for mapping a key-based input component to the at least two segments, the key-based input component comprising at least ~~two~~ keys a first key and a second key;

means for receiving user-based input regarding at least one segment of the content displayed on a device screen;

means for orienting a view of any one segment of the content based in part on the user-based input; and

means for displaying surrounding segments to provide at least one of context and perspective with respect to ~~the~~ a previous segment of content,

wherein the first key is tapped to zoom at least a first zoom level to the corresponding segment of content and the second key is pressed an held for a period of time to temporarily display a different segment of content where upon releasing the second key the displayed content returns back to a previous segment of content.

### **REASONS FOR ALLOWANCE**

3. Claims 1-10,13-40 and 42-45

4. The following is an examiner's statement of reasons for allowance:

The incorporation of the limitations of the previously cancelled claims 11 and 12 into independent claims 25 and 43 renders moot the obviousness rejections of Herigstad et al. (6,731,316) in view of Hiroshi et al. (JP 07-270172). Upon consideration of the obviousness rejections based upon Herigstad in view of Hiroshi, as applied to the presently amended claims, Herigstad nor Hiroshi fails to teach, disclose or suggest temporarily displaying adjacent segments while a key is pressed and held as recited, in particular wherein a second key is pressed an held for a period of time to temporarily display a different segment of content where upon releasing the second key

the displayed content returns back to a previous segment of content to provide at least one of context and perspective with respect to the previous segment of content. None of the prior art of record, in particular, Herigstad nor Hiroshi teaches, discloses or suggests displaying adjacent segments while a key is pressed and held and returning to an original segment when the key is released. Accordingly, the present claims, and all dependents thereof, are found to be allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory A. DiStefano whose telephone number is (571)270-1644. The examiner can normally be reached on 7:30am-5:00pm Mon.-Thurs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached on (571)272-4137. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

GAD  
7/3/2007

  
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Primary Examiner  
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